

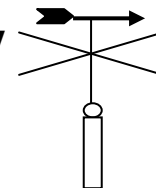


Agromet Advisory Service bulletin 39/17, Friday dt.29-09-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over west central Bay of Bengal off South Odisha –North Andhra Pradesh coasts and extends upto 3.6km above sea level tilting southwestwards with height. Another upper air cyclonic circulation lies over North Kerala coast and neighbourhood between 4.5km and 7.6km above sea level.

Heavy rainfall warning: Heavy rainfall is most likely to occur at one or two places in Kerala till the morning of 29th September 2017.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 28.09.2017

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	29.09.2017	30.09.2017	01.09.2017	02.09.2017	03.09.2017
Rainfall (mm)	12	6	5	16	18
Max Temperature (deg	30	30	32	32	30
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	7	6	5	7	8
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	16	16	16	16	16
Wind direction (deg)	270	270	250	250	250

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, kanjana)	Sheath blight	There is a chance for Sheath blight disease during rainy season. The immediate symptom is that outer leaves of paddy become yellow coloured. Black lesions can be seen on the lower part just above the water level. As a prophylactic measure, Apply Pseudomonas or Trichoderma @ 20 gram per litre of water. To prevent this disease, apply Hexaconazole @ 2 ml per litre of water.
Coconut	Bud rot	As a prophylactic measure, hung three perforated packets of Mancozeb sachet (5gm) around spindle leaves.
Banana	Erwinia Rot	Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 5 g bleaching powder or 3 g oxychloride or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed to prevent the spread of disease.
Animal Husbandry		Mosquito control measures can be adopted. Cattle should not be allowed graze in water logged areas for avoiding diseases. Avoid water logging in cattle sheds also. If fever and respiratory distress are noticed consult a veterinary surgeon. (CAADECS, KVASU, Mannuthy)

